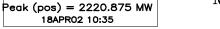
WEST OF MCNARY

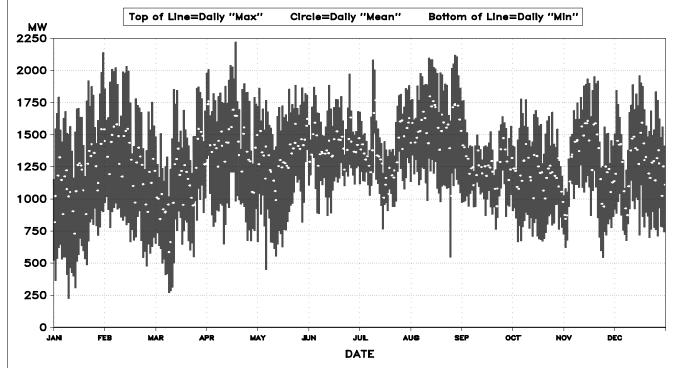
As measured at BPA (59503)

LINE LOADINGS, 2002



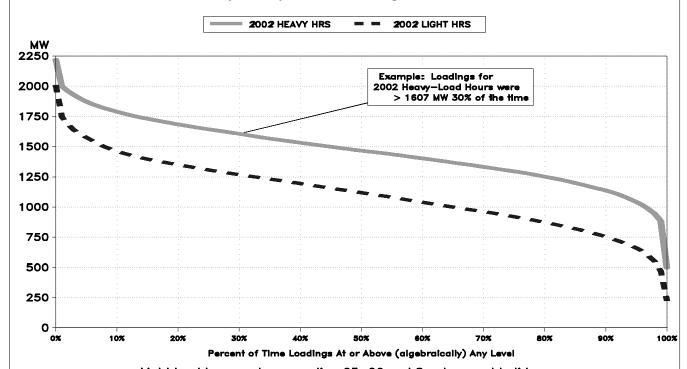
MAX/MEAN/MIN BY DAY 2002, ALL HOURS

Peak (neg) = 223.52 MW 10JAN02 02:10



"Max/Mean/Min" designations based on algebraic values only (not directionality)

CUMULATIVE FREQUENCY DISTRIBUTIONS 2002, By Heavy—Load and Light—Load Hours



Light load hours = hours ending 23-06 and Sundays and holidays

Negative loadings are into BPA; positive loadings are out from BPA

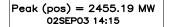
Source: 5-minute readings via SCADA (analysis excludes recorded values between -5 and +5 MW)

Technical Operations (TOT) 29APR03

WEST OF MCNARY

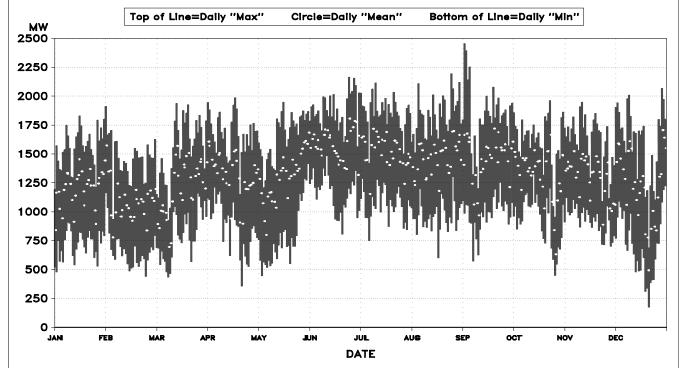
As measured at IPS (59503)

LINE LOADINGS, 2003



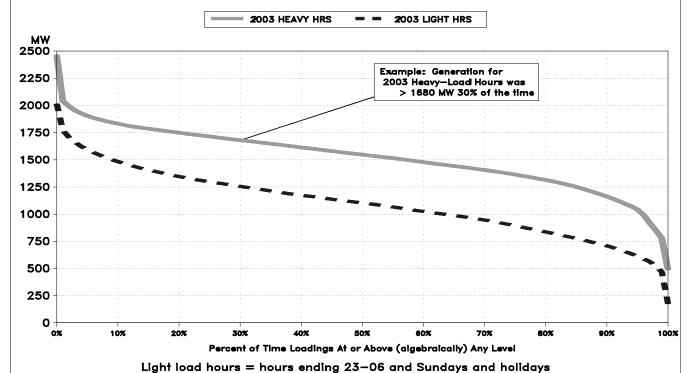
MAX/MEAN/MIN BY DAY 2003, ALL HOURS

Peak (neg) = 175.355 MW 21DEC03 01:50



"Max/Mean/Min" designations based on algebraic values only (not directionality)

CUMULATIVE FREQUENCY DISTRIBUTIONS 2003, By Heavy—Load and Light—Load Hours



Negative loadings are into IPS; positive loadings are out from IPS

Source: 5—minute readings via SCADA (analysis excludes recorded values between —5 and +5 MW)

Technical Operations (TOT) 31MAR04